

Stage 4 Lesson 4

Active Viewing Questions



Video 1 - Drones in Agriculture: Weed Detection (1:00)

What is an advantage of using a drone to check on a large field of crops?

Video 2 - What is Precision Agriculture (4:28)

How does using technology like GPS and sensors help farmers be more precise with their crops?

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Video 3 - Dino: Autonomous Mechanical Weeding Robot (1:43)

A robotic tractor or machine sees and thinks without a human behind the steering wheel. How is the robotic weeding machine able to drive through a field and do its job safely?

Video 4 - What is Agriculture Technology? (9:00)

As you watch, listen for one example of how technology collects or uses information to help farmers make decisions. How do you think coding is involved?

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Video 5 - Renewable Energy on Farms

a) As you watch the video, check off the types of renewable energy you see. The "Energy Checklist": Which of these are mentioned?

- Solar Power (Energy from the sun)
- Wind Power (Energy from the air)
- Bioenergy (Energy from plants or waste)
- Hydro Power (Energy from moving water)

From the video, write an example of solar, wind, or bioenergy?

Why is it a good idea for a farm to have more than one type of renewable energy?

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